

Building Site Development

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Sioux County, Iowa

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
1B3: Ida-----	100	Very limited Frost action Low strength	 1.00 1.00	Not limited		Not limited	
1C3: Ida-----	95	Very limited Frost action Low strength	 1.00 1.00	Not limited		Not limited	
1D3: Ida-----	95	Very limited Frost action Low strength Slope	 1.00 1.00 0.63	Somewhat limited Slope	 0.63	Somewhat limited Slope	 0.63
8B: Judson-----	95	Very limited Frost action Low strength Shrink-swell	 1.00 1.00 0.50	Somewhat limited Depth to saturated zone	 0.16	Not limited	
11B: Radford-----	50	Very limited Frost action Flooding Low strength Depth to saturated zone	 1.00 1.00 1.00 0.19	Very limited Depth to saturated zone Flooding	 1.00 0.60	Somewhat limited Flooding Depth to saturated zone	 0.60 0.19
Judson-----	35	Very limited Frost action Low strength Shrink-swell	 1.00 1.00 0.50	Somewhat limited Depth to saturated zone	 0.16	Not limited	
26: Kennebec-----	95	Very limited Frost action Flooding Low strength Shrink-swell	 1.00 1.00 1.00 0.50	Somewhat limited Depth to saturated zone Flooding	 0.61 0.60	Somewhat limited Flooding	 0.60

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27B: Terril-----	90	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.16	Not limited	
		Frost action	0.50				
28B: Dickman-----	90	Not limited		Very limited cutbanks cave	0.90	Not limited	
28C2: Dickman-----	95	Not limited		Very limited cutbanks cave	0.90	Not limited	
28D2: Dickman-----	95	Somewhat limited Slope	0.63	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope	0.63
31: Afton-----	95	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
32: Spicer-----	95	Very limited Depth to saturated zone Frost action Low strength	1.00 1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
33C2: Steinauer-----	100	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Not limited		Not limited	
33D2: Steinauer-----	100	Very limited Low strength Slope Shrink-swell Frost action	1.00 0.63 0.50 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
33E2: Steinauer-----	95	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
33G: Steinauer-----	95	Very limited Slope Low strength Shrink-swell Frost action	1.00 1.00 0.50 0.50	Very limited Slope	1.00	Very limited Slope	1.00
54: Zook-----	90	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 1.00	Very limited Depth to saturated zone Flooding Too clayey	1.00 0.60 0.01	Very limited Depth to saturated zone Flooding	1.00 0.60
72: Estherville-----	100	Not limited		Very limited cutbanks cave	0.90	Not limited	
72B: Estherville-----	100	Not limited		Very limited cutbanks cave	0.90	Not limited	
72D2: Estherville-----	100	Somewhat limited Slope	0.04	Very limited cutbanks cave Slope	0.90 0.04	Somewhat limited Slope	0.04
78B2: Sac-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
78C2: Sac-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	

FIELD OFFICE TECHNICAL GUIDE Sec. II
NONAGRICULTURAL INTERPRETATIONS

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
78D2: Sac-----	95	Very limited Frost action Low strength Shrink-swell Slope	1.00 1.00 0.50 0.37	Somewhat limited Slope	0.37	Somewhat limited Slope	0.37
91: Primghar-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
91B: Primghar-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 1.00	Somewhat limited Depth to saturated zone	0.61	Not limited	
92: Marcus-----	95	Very limited Depth to saturated zone Frost action Low strength Shrink-swell	1.00 1.00 1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
108: Wadena-----	95	Not limited		Not limited		Not limited	
108B: Wadena-----	100	Not limited		Not limited		Not limited	
116: Graceville-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Very limited cutbanks cave	0.90	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
133: Colo-----	90	Very limited Depth to saturated zone Frost action Flooding Low strength Shrink-swell	1.00 1.00 1.00 1.00 0.50	Very limited Depth to saturated zone Flooding	1.00 0.60	Very limited Depth to saturated zone Flooding	1.00 0.60
203: Cylinder-----	95	Very limited Frost action Shrink-swell Low strength	1.00 0.50 0.22	Very limited Depth to saturated zone cutbanks cave	0.95 0.90	Not limited	
259: Biscay-----	95	Very limited Depth to saturated zone Frost action	1.00 1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
308: Wadena-----	100	Not limited		Not limited		Not limited	
308B: Wadena-----	100	Not limited		Not limited		Not limited	
309: Allendorf-----	95	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Very limited cutbanks cave	0.90	Not limited	
309B: Allendorf-----	95	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Very limited cutbanks cave	0.90	Not limited	
309B2: Allendorf-----	100	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Very limited cutbanks cave	0.90	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
309C2: Allendorf-----	100	Very limited Low strength Shrink-swell Frost action	1.00 0.50 0.50	Very limited cutbanks cave	0.90	Not limited	
310: Galva-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
310B: Galva-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
310B2: Galva-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
310C2: Galva-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
310D2: Galva-----	90	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
401B3: Crofton-----	100	Very limited Low strength Frost action	1.00 0.50	Not limited		Not limited	
401C3: Crofton-----	100	Very limited Low strength Frost action	1.00 0.50	Not limited		Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
401D3: Crofton-----	100	Very limited Low strength Slope Frost action	1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
401E3: Crofton-----	100	Very limited Low strength Slope Frost action	1.00 1.00 0.50	Very limited Slope	1.00	Very limited Slope	1.00
410: Moody-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
410B: Moody-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
410B2: Moody-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
410C2: Moody-----	95	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
410D2: Moody-----	90	Very limited Frost action Low strength Slope Shrink-swell	1.00 1.00 0.63 0.50	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
428B: Ely-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	0.95	Not limited	
		Low strength Shrink-swell	1.00 0.50				
467: Radford-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60	Depth to saturated zone	0.19
		Low strength Depth to saturated zone	1.00 0.19				
474: Bolan-----	100	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
474B: Bolan-----	95	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
474B2: Bolan-----	95	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
474C2: Bolan-----	95	Somewhat limited Frost action	0.50	Very limited cutbanks cave	0.90	Not limited	
474D2: Bolan-----	95	Somewhat limited Slope Frost action	0.63 0.50	Very limited cutbanks cave Slope	0.90 0.63	Somewhat limited Slope	0.63
485: Spillville-----	95	Very limited Flooding	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Low strength Shrink-swell Frost action	1.00 0.50 0.50	Flooding	0.60		

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
486: Davis-----	95	Very limited Low strength	1.00	Somewhat limited Depth to saturated zone	0.16	Not limited	
		Shrink-swell	0.50				
		Frost action	0.50				
		Flooding	0.40				
615: Colo-----	60	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Frost action	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Flooding	1.00				
		Low strength	1.00				
		Shrink-swell	0.50				
Spillville-----	35	Very limited Flooding	1.00	Somewhat limited Flooding	0.80	Very limited Flooding	1.00
		Low strength	1.00	Depth to saturated zone	0.61		
		Shrink-swell	0.50				
		Frost action	0.50				
670: Rawles-----	95	Very limited Frost action	1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
		Flooding	1.00	Depth to saturated zone	0.16		
		Low strength	1.00				
		Shrink-swell	0.50				
733: Calco-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Flooding	0.60	Flooding	0.60
		Flooding	1.00				
		Low strength	1.00				
		Shrink-swell	1.00				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
785: Spillco-----	95	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.61	Somewhat limited Flooding	0.60
		Flooding	1.00	Flooding	0.60		
		Low strength	1.00				
801B2: Bolan Variant-----	95	Somewhat limited Frost action	0.50	Not limited		Not limited	
801C2: Bolan Variant-----	90	Somewhat limited Frost action	0.50	Not limited		Not limited	
801D2: Bolan Variant-----	100	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63	Somewhat limited Slope	0.63
		Frost action	0.50				
801F: Bolan Variant-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Frost action	0.50				
810: Galva-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
810B: Galva-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				
810B2: Galva-----	100	Very limited Frost action	1.00	Not limited		Not limited	
		Low strength	1.00				
		Shrink-swell	0.50				

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		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
812: Moody-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
812B: Moody-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
812B2: Moody-----	100	Very limited Frost action Low strength Shrink-swell	1.00 1.00 0.50	Not limited		Not limited	
878B: Ocheyedan-----	90	Somewhat limited Frost action	0.50	Not limited		Not limited	
878B2: Ocheyedan-----	90	Somewhat limited Frost action	0.50	Not limited		Not limited	
878C2: Ocheyedan-----	90	Somewhat limited Frost action	0.50	Not limited		Not limited	
5010: Pits-----	100	Not rated		Not rated		Not rated	
5040: Orthents-----	100	Not rated		Not rated		Not rated	

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5044: Fluvaquents-----	95	Very limited Not Rated (miscellaneous unit) Depth to saturated zone Flooding Frost action Low strength	1.00 1.00 1.00 1.00 0.50 0.22	Very limited Depth to saturated zone Not Rated (miscellaneous unit) Flooding	1.00 1.00 1.00 0.80	Very limited Flooding Depth to saturated zone Not Rated (miscellaneous unit)	1.00 1.00 1.00 1.00
W: Water-----	100	Not rated		Not rated		Not rated	